	Application No.	Applicant(s)
	10/710 506	KIIAN ET AI
Notice of Allowability	10/710,506 Examiner	KUAN ET AL. Art Unit
	·	
	Lucy P. Chien	2871
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED in b) or other appropriate comm RIGHTS. This application is:	n this application. If not included unication will be mailed in due course. THIS
1. This communication is responsive to application filed on 7	<u>7/16/2004</u> .	
2. The allowed claim(s) is/are <u>1-42</u> .		
 3. ☐ Acknowledgment is made of a claim for foreign priority u a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents hav 		or (f).
Certified copies of the priority documents have Certified copies of the priority documents have		on No
Copies of the certified copies of the priority do	• •	
International Bureau (PCT Rule 17.2(a)).	ocuments have been receive	u in this national stage application from the
* Certified copies not received:	•	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONI THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the requirements
4. A SUBSTITUTE OATH OR DECLARATION must be subr INFORMAL PATENT APPLICATION (PTO-152) which give		
5. CORRECTED DRAWINGS (as "replacement sheets") mu	ust be submitted.	
(a) ☐ including changes required by the Notice of Draftsper	rson's Patent Drawing Revie	w (PTO-948) attached
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	_,	
(b) including changes required by the attached Examiner Paper No./Mail Date	r's Amendment / Comment o	r in the Office action of
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in		
 DEPOSIT OF and/or INFORMATION about the deport attached Examiner's comment regarding REQUIREMENT 		
Attachment(s)		
1. Notice of References Cited (PTO-892)	5. Notice of Ir	nformal Patent Application
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🗌 Interview S	Summary (PTO-413),
3. Information Disclosure Statements (PTO/SB/08),	Paper No. 7. ⊠ Examiner's	/Mail Date Amendment/Comment
Paper No./Mail Date 4.	8. 🛭 Examiner's	Statement of Reasons for Allowance
	9. 🗌 Other	<u>-</u>
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DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Title: Liquid crystal on silicon display with micro color filters positioned on the top surface of the transparent substrate.

The following is an examiner's statement of reasons for allowance:

Nakamura et al (US 6727967) discloses (Fig. 18) a glass substrate (13) having a plurality of pixels arranged in a pixel array, a transparent substrate (14) positioned above the glass substrate (13), the transparent substrate (14) having a top surface and a bottom surface. A liquid crystal layer (15) positioned between the transparent substrate and the glass substrate. Color filters (72) positioned below the glass substrate (13).

Nakamura et al does not disclose a liquid crystal on silicon or that a plurality of micro color filters are on top of the transparent substrate (14).

Liao (US 20040095527) discloses a LCOS with color filters(241,242,243) located above the silicon substrate and not the transparent substrate (22).

Thus, details regarding the micro color filter positioned on the top surface of the transparent substrate of a liquid crystal on silicon structure do not closely

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read on those specifics set forth in the present invention. Therefore, the present invention is considered to be unique over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lucy P. Chien whose telephone number is 571-272-8579. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571)272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Lucy P Chien Examiner Art Unit 2871

A-L. Llutts
MOTERN SCHECHTER
PRIMARY EXAMINER